INTERNATIONAL SEARCH REPORT

Internal Application No PCT/IB2004/002252

A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H04M3/42 H04M15/08									
According to International Patent Classification (IPC) or to both national classification and IPC										
	SEARCHED									
IPC 7	ocumentation searched (classification system followed by classification HO4M HO4Q	on symbols)								
	tion searched other than minimum documentation to the extent that s									
	ata base consulted during the international search (name of data bas ternal, WPI Data	se and, where practical	l, search terms used)							
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rel	evant passages	Relevant to claim No.							
X	WO 01/76299 A (HEATLEY DAVID JOHN BRITISH TELECOMM (GB)) 11 October 2001 (2001-10-11) abstract; claims 1-6 page 1, line 1 - page 3, line 9 page 5, line 1 - line 12 page 7, line 22 - line 28 page 8, line 9 - page 9, line 22 page 11, line 1 - line 28	N TAYLOR ;	1-18							
X	page 13, line 13 - line 22 EP 1 271 911 A (HEWLETT PACKARD (2 January 2003 (2003-01-02) abstract; claims 19-21; figure 1 paragraph '0009! - paragraph '003		1-3,5,7, 12,15,17							
LV Ford	her documents are listed in the continuation of box C.									
<u> </u>		χ Patent family	members are listed in annex.							
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance B earlier document but published on or after the international filing date or priority date and not in conflict with the application but determined to understand the principle or theory underlying the invention B earlier document but published on or after the international state of the art which is not considered to be of particular relevance invention C earlier document of particular relevance; the claimed invention										
filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other spectal reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document upblished prior to the international filing date but later than the priority date claimed "A document be considered novel or cannot be considered to involve an inventive step when the document is taken alo document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A document be considered novel or cannot be considered to involve an inventive step when the document is taken alo document be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alo document be considered to involve an inventive step when the document is taken alo document be considered novel or cannot be considered novel nov										
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Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Pijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nt, Fax: (+31-70) 340-3016	Authorized officer Ohanovici, Z-C								

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Intermional Application No
PCT/IB2004/002252

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/IB2004/002252
Category °		Relevant to claim No.
А	EP 0 969 644 A (NOKIA MOBILE PHONES LTD) 5 January 2000 (2000-01-05) abstract paragraph '0001! - paragraph '0012!	14
A	US 5 581 607 A (RICHARDSON JR CHARLES T ET AL) 3 December 1996 (1996-12-03) abstract; claim 1; figure 6 column 1, line 54 - column 3, line 25 column 6, paragraph 20 - paragraph 61	6,8-11
A	US 6 307 928 B1 (YAMASAKI YASUKIYO) 23 October 2001 (2001-10-23) abstract; claims 1-5; figures 6,21,29 column 2, line 15 - line 63 column 22, line 36 - line 52	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intermional Application No
PCT/IB2004/002252

Patent document cited in search report		Publication Patent family date member(s)		Publication date	
WO 0176299	A	11-10-2001	AU	4261501 A	15-10-2001
			CA	2404732 A1	11-10-2001
			EP	1269785 A1	02-01-2003
		÷	WO	0176299 A1	11-10-2001
			US	2003050096 A1	13-03-2003
EP 1271911	А	02-01-2003	EP	1271911 A1	02-01-2003
EP 0969644	A	05-01-2000	EP	0969644 A1	05-01-2000
			US	6792287 B1	14-09-2004
US 5581607	Α	03-12-1996	US	5355403 A	11-10-1994
			US	5317627 A	31-05-1994
			US	5113430 A	12-05-1992
			US	5943403 A	24-08-1999
			US	5692034 A	25-11-1997
			US	5835572 A	10-11-1998
			บร	5487103 A	23-01-1996
			US	5619556 A	08-04-1997
			US	5652785 A	29-07-1997
			US	5335266 A	02-08-1994
•			ΑT	166511 T	15-06-1998
			ΑU	8950091 A	28-04-1992
			CA	2069009 A1	02-04-1992
			DE	69129449 D1	25-06-1998
			DE	69129449 T2	18-02-1999
			EP	0503059 A1	16-09-1992
			WO	9206548 A1	16-04-1992
US 6307928	B1	23-10-2001	JP	11122355 A	30-04-1999